

09/687855
STN Search Summary

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- FILE 'CPLUS' ENTERED AT 17:14:33 ON 28 MAR 2002
L1 776 S POLYKETIDE (2W) (SYNTHAS? OR SYNTHETAS?)
L2 7945 S HETEROLOGOUS (S) EXPRESS?
L3 57 S L1 AND L2
L4 11 S L3 AND (E.COLI OR ESCHERICHIA)
- L4 ANSWER 4 OF 11 CAPIUS COPYRIGHT 2002 ACS
AN 2000:36875 CPLUS
TI Over-expression of a polyketide synthase (PKS) module
of a giant polyene antibiotic gene cluster in E. coli
by double induction
AU Tao, Mei-Feng; Hu, Zhi-Hao; Zhou, Xiu-Fen; Zhou, Qi; Deng, Zi-Xin; Kieser,
Tobias; Hopwood, David A.
SO Yichuan Xuebao (1999), 26(6), 721-730
- L4 ANSWER 5 OF 11 CAPIUS COPYRIGHT 2002 ACS
AN 1998:528512 CPLUS
TI Heterologous expression of polyketide
synthases.
AU Kealey, James T.; Liu, Lu; Betlach, Melanie; Santi, Daniel V.; Beltach,
Mary C.; Barr, Philip J.
SO Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27
(1998), BTEC-063 Publisher: American Chemical Society, Washington, D. C.
- L4 ANSWER 6 OF 11 CAPIUS COPYRIGHT 2002 ACS
AN 1998:331648 CPLUS
TI Plant Polyketide Synthases: A Chalcone Synthase-Type
Enzyme Which Performs a Condensation Reaction with Methylmalonyl-CoA in
the Biosynthesis of C-Methylated Chalcones
AU Schroeder, Joachim; Raiber, Sigrid; Berger, Thorsten; Schmidt, Axel;
Schmidt, Juergen; Soares-Sello, Anna M.; Bardshiri, Esfandiar; Strack,
Dieter; Simpson, Thomas J.; Veit, Markus; Schroeder, Gudrun
SO Biochemistry (1998), 37(23), 8417-8425
- L4 ANSWER 7 OF 11 CAPIUS COPYRIGHT 2002 ACS
AN 1998:70397 CPLUS
TI Cloning and heterologous expression of genes from the
kinamycin biosynthetic pathway of Streptomyces murayamaensis
AU Gould, Steven J.; Hong, Seong-Tshool; Carney, John R.
SO J. Antibiot. (1998), 51(1), 50-57
- L4 ANSWER 8 OF 11 CAPIUS COPYRIGHT 2002 ACS
AN 1998:61182 CPLUS
TI Production of a polyketide natural product in nonpolyketide-producing
prokaryotic and eukaryotic hosts
AU Kealey, James T.; Liu, Lu; Santi, Daniel V.; Betlach, Mary C.; Barr,
Philip J.
SO Proc. Natl. Acad. Sci. U. S. A. (1998), 95(2), 505-509

L4 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2002 ACS
AN 1997:52759 CAPLUS
TI Cloning and heterologous expression of the entire gene
clusters for PD 116740 from Streptomyces strain WP 4669 and tetrangulol
and tetrangomycin from Streptomyces rimosus NRRL 3016
AU Hong, Seong-Tshool; Carney, John R.; Gould, Steven J.
SO J. Bacteriol. (1997), 179(2), 470-476

L4 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS
AN 1993:443936 CAPLUS
TI Heterologous expression in Escherichia coli
of an intact multienzyme component of the erythromycin-producing
polyketide synthase
AU Roberts, Gareth A.; Staunton, James; Leadlay, Peter F.
SO Eur. J. Biochem. (1993), 214(1), 305-11

L4 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2002 ACS
AN 1991:404096 CAPLUS
TI The role of cysteines in polyketide synthases.
Site-directed mutagenesis of resveratrol and chalcone synthases, two key
enzymes in different plant-specific pathways
AU Lanz, Thomas; Tropf, Susanne; Marner, Franz Josef; Schroeder, Joachim;
Schroeder, Gudrun
SO J. Biol. Chem. (1991), 266(15), 9971-6